

CLOWNE
RURAL DISTRICT COUNCIL.



Health Report
for the Year 1946.

WORKSOP.

H. P. SISSONS, 8 POTTER STREET.

1947

ANNUAL REPORT

OF THE

Medical Officer of Health

TO THE

Clowne Rural District Council

for the Year 1946

Printed by Order of the Council.

A. H. WEAR, M.D., B.S., D.P.H., B. Hy.,
Medical Officer of Health.

PREFACE

TO THE CHAIRMAN AND MEMBERS OF THE
CLOWNE RURAL DISTRICT COUNCIL.

Mr. CHAIRMAN, MRS. WRAGG AND GENTLEMEN,

I have pleasure in submitting my Report on the Health and Sanitary conditions of your district for the year 1946.

Housing is the greatest problem we have to face, and large numbers of families are still living under intolerable conditions. The slowness of the building programme is causing a considerable amount of exasperation and annoyance.

The health of the district has been satisfactory. It is pleasing to note that there has been a considerable decrease in the notifications of Pulmonary Tuberculosis.

Mr. Gallagher died with tragic suddenness in February, and in June Mr. Turner left to take another appointment. Mr. G. L. McCann, of Cirencester was duly appointed chief Sanitary Inspector and Surveyor and Mr. A. A. Short, of Liverpool, was in July appointed Assistant Sanitary Inspector.

I wish to take this opportunity of thanking the Chairman and Members of the Council for their continued interest and support.

I am,

Your obedient Servant,

A. H. WEAR,

Medical Officer of Health.

" Dale Close,"

100 Chesterfield Road South,
Mansfield.

STATISTICS OF THE AREA

Area (Acres)	13,436
Population mid-year (Registrar-General) 1946	17,980
Rateable value 1946	£76,591
Sum represented by a Penny-rate 1946 ...	£292

SOCIAL CONDITIONS

The Social conditions are mainly industrial, the chief occupations of the inhabitants being coal mining and agriculture.

The district is hilly and elevated in the centre, north and south. On the west it slopes towards the valley of the river Rother and the valley of the river Doe Lea, but the boundary does not extend as far as these valleys.

In the North-east and East it is bounded by small dykes and brooks. In the Eastern area these find their way into the lakes of Welbeck and the rivers Poulter and Trent.

CHIEF CAUSES OF INVALIDITY IN THE DISTRICT

Scabies continues to be one of the most common causes of invalidity in the area. 239 persons, 131 adults and 108 children received treatment.

It is disappointing to find that the figure for the treatment of scabies is not lower and there is no doubt that overcrowding and the soap shortage have much to do with the high incidence.

48 children and 8 adults received treatment for verminous heads. The Health Visitors advise parents regarding treatment and only very severe cases have to be sent to Poolsbrook.

NUTRITION

The health and well-being of the school children is much the same. The number of "sub-normal" nutrition cases still remains small.

Free milk and the school meals have been a great help, but there are many more who will benefit when the mid-day meal becomes free.

With regard to the rest of the community, there is no doubt that the present diet is spartan and inadequate for those people who are unable to take their mid day meal out. If more butter, eggs and meat were available the outlook would be much brighter.

It is satisfactory to note that there has been more fruit in the shops during the year.

VITAL STATISTICS.

BIRTHS.		Total.	M.	F.	
Live Births:—	Legitimate	355	189	166	{ Birth-rate per 1,000 of the estimated resi- dent population 20.4
	Illegitimate	13	8	5	
Stillbirths ...	... ..	10	6	4	{ Rate per 1,000 total (live and still) births 25.4.
Total.			M.	F.	
DEATHS.	195	95	100		{ Death-rate per 1,000 of the estimated resident population 10.8

Deaths from puerperal causes (Heading 29 and 30 of the Registrar-General Short List) :—

	Deaths	Rate per 1,000 total (live and still) births
No. 29 Puerperal Sepsis ...	—	—
No. 30 Other puerperal causes	—	—
Total ...	—	—

DEATH-RATE OF INFANTS UNDER ONE YEAR OF AGE—

All infants per 1,000 live births	... ..	29.8
Legitimate infants per 1,000 legitimate live births		30.9
Illegitimate infants per 1,000 illegitimate live births		—

Deaths from :—

Measles (all ages)	... ..	—
Whooping Cough (all ages)	... ..	—
Diarrhœa (under two years of age)	... ..	—
Cancer (all ages)	... ..	33
Heart (all ages)	... ..	38
Violence	... ..	6

Birth-rate, Death-rate and Analysis of Mortality during the year 1946.

	Birth Rate per 1,000 Total Population		ANNUAL DEATH-RATE PER 1,000 POPULATION								Rate per 1000 Live Births	
	Live Births	Still Births	All causes	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping-cough	Diphtheria	Influenza	Diarrhoea and Enteritis, under 2 years	Total deaths under 1 year
England and Wales ...	19.1	0.53	11.5	0.00	—	0.00	0.00	0.02	0.01	0.15	4.4	43
126 County Boroughs & Great Towns, including London ...	22.2	0.67	12.7	0.00	—	0.01	0.00	0.02	0.01	0.13	6.1	46
148 Smaller Towns (1931 adjusted Populations 25,000—50,000)	21.3	0.59	11.7	0.00	—	0.00	0.00	0.02	0.01	0.14	2.8	37
London ...	21.5	0.54	12.7	0.00	—	0.01	0.00	0.02	0.01	0.12	4.2	41
CLOWNE R.D. ...	20.4	0.55	10.8	0.00	—	0.00	0.00	0.00	0.00	0.05	0.0	29

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA

Laboratory Facilities

No changes or developments have been made in connection with laboratory facilities. The number of types of specimens dealt with by the County Laboratories were as follows :—

Enterica :—

	Pos.	Neg.	Total
Typhoid, Para-Typhoid A & B	—	—	—
Gaertner, Dysentery, etc.	—	—	—
Diphtheria ...	—	29	29
Vincent's Angina ...	—	20	20
Phthisis ...	1	22	23
Water ...	1	4	5
Milk :—			
T.B. Inoculation sent from Ministry of Agriculture ...	—	—	—
T.B. Inoculation, Routine Samples	—	—	—
Methylene Blue Test Routine Sample	—	—	—
Bacterial Content, Routine Samples	—	—	—
Bacillus Coli, Routine Samples	—	—	—
Miscellaneous ...	—	7	7
	2	82	84

AMBULANCE FACILITIES IN THE AREA

The following are available :—

(a) For Infectious Cases.

Ambulances are provided by the North-east Derbyshire Isolation Hospital Board.

(b) For Non-Infectious Cases.

The Red Cross Ambulance at Creswell is available for these cases. Telephone No. Creswell 237. This ambulance can be used anywhere in Clowne R.D. by the payment of a small fee.

In an emergency the Bolsover Colliery Ambulance and the Shireoaks Colliery Ambulance may be used.

(c) For Maternity Patients.

The above ambulances for Non-Infectious cases may be used for Maternity Patients.

MATERNITY AND CHILD WELFARE AND SCHOOL CLINICS

All these clinics are under the control of the County Council. A Maternity and Child Welfare Clinic is held every week on a Tuesday afternoon in the Hall attached to the Methodist Chapel North Street, Clowne.

Tuberculosis Clinic.

Held at Brimington Road, Chesterfield, on—
Tuesday and Friday from 10 to 12.30 and 2 to 4 p.m.

Venereal Clinics.

These are at Chesterfield Royal Hospital.

Males Mondays from 6 until 8 p.m.
 Wednesdays from 6 until 8 p.m.
 Saturdays at 2.30 p.m.

Females Mondays at 3 p.m.
 Thursdays from 2 until 4 p.m.

SANITARY CIRCUMSTANCES OF THE AREA

Water

The whole of the water supply for the Clowne Rural District is obtained from the Manton Colliery, near Worksop.

At Hodthorpe Pumping Station the water is chlorinated, .1 parts per million being added. Bacteriological samples are taken once a month at the source before chlorination and these samples are consistently up to standard.

Owing to water being laid on to a number of farms and the extra amount required for new houses and for the conversion schemes at Whitwell and Creswell, a much larger bulk of supply is required. In my opinion, an extra supply of water from the Manton Colliery is a matter of urgency, as at one time during the winter months, owing to the large number of burst pipes, the Barlborough Reservoir was empty and the position of this parish was desperate.

I understand that preliminary investigations and tests regarding an extra supply of water are at present in progress.

Eleven farms have been provided with main water during the year, this has included the provision of troughs for watering the cattle and also water for use in the dairies. The benefit of an adequate and wholesome water supply to a dairy farmer as an aid to the production of a clean milk cannot be overestimated.

Two houses have been provided with main water. Water has also been supplied to two opencast coal site workings for industrial purposes.

New mains and incidental works have been completed to service the 172 new houses on the four housing sites at Clowne, Creswell, Whitwell and Barlborough and facilities exist for future development regarding water supply on all sites.

Samples of water were taken in November from each of the four parishes and these were satisfactory except for one taken near to the New Housing Estate in Clowne Parish. The unsatisfactory sample was found to be due entirely to dust and dirt which had gained access to the water owing to many tappings and extensions of the mains. After the mains had been flushed a further sample was satisfactory.

It is interesting to note that on an average the parishes consumed the following gallons of water per month during 1946 :—

Creswell	...	22.9	gallons
Clowne	...	14.2	"
Barlborough	...	12	"
Whitwell	...	19.11	"

The water is not liable to plumbo-solvent action.

Parish of Clowne.

(a)	Estimated present population	...	...	5,000
(b)	Total number of inhabited dwellings	...	...	1,305
	(i) Having a piped supply laid on	...	...	1,305
	(ii) Having a standpipe supply	...	...	Nil

Parish of Creswell.

(a)	Estimated present population	...	...	5,500
(b)	Total number of inhabited dwellings	...	...	1,430
	(i) Having a piped supply laid on	...	...	1,425
	(ii) Having a standpipe supply	...	...	5

Parish of Whitwell.

(a)	Estimated present population	...	5,000
(b)	Total number of inhabited dwellings	...	1,305
	(i) Having a piped supply laid on	...	1,299
	(ii) Having a standpipe supply	...	6

Parish of Barlborough.

(a)	Estimated present population	...	2,500
(b)	Total number of inhabited dwellings	...	650
	(i) Having a piped supply laid on	...	644
	(ii) Having a standpipe supply	...	6

SEWAGE AND SEWAGE DISPOSAL

During the year 9 inch foul sewers and surface water sewers have been installed at each of the four housing sites at Clowne, Creswell, Whitwell and Barlborough.

Continued nuisance from flooding at Church Street, Clowne, has been experienced and resulting from investigations made, the cause has proved to be the overloading of a Council sewer in Church Street, by surface water.

The responsibility for the disposal of highway surface water rests with the Derbyshire County Council and details for the construction of a new surface water sewer have been prepared by them and the work is to commence in the very near future.

Preparations have been made and tenders are being invited for the construction of a new outfall sewer at Mastin Moor, Barlborough. This sewer will abolish all cesspools in the vicinity of Mastin Moor.

Preliminary details for the construction of a modern sewage disposal works to deal with the Low Road, Jolin Street, and West Lea areas of the Parish of Clowne are in the course of preparation.

The completion of these disposal facilities will enable all existing dry closets in the Parish of Clowne to be converted to the water carriage system.

The existing disposal works in the Parish of Creswell have proved to be insufficient and unsatisfactory to deal with the sewage from this parish and the construction of a modern disposal works is contemplated.

A scheme for the conversion of 248 dry closets (103 privies and 145 pails) in the Parishes of Whitwell and Creswell has been drawn up and submitted to the Ministry of Health for approval.

DRAINAGE AND SEWAGE.

No new sewers were laid during the year except on the new housing sites.

CLOSET CONVERSIONS

Only two pail-closets and two privy-middens were converted into water closets. The large number of privy-middens in the district are undoubtedly a menace to the health of the inhabitants. It is desirable that a general conversion scheme at Whitwell and Clowne should be carried out as soon as possible.

ERADICATION OF BED BUGS.

Number of houses disinfected:—

(a) Council Houses	...	2
(b) Other Houses	...	-

URGENT SANITARY REQUIREMENTS

1. The building of houses to abate over-crowding.
2. The construction of a sewage works to deal with the sewerage from West Lea Cottages, Clowne, so that the conversion of the existing dilapidated privy-middens at these cottages can be carried out.

HOUSING

During the year only 6 Council houses have been completed. These are in the Parish of Whitwell.

Housing conditions remain the outstanding need of the population. Quite a large percentage require extensive repairs and there is much over-crowding. Many people are living under the worst possible conditions and few of the younger married couples have known a home of their own. There is still a great shortage of labour and materials.

172 Houses are in course of erection.

The Clowne Rural District Council have purchased 12 houses in Creswell, 8 of which are now occupied, from a private builder.

In addition, 16 houses, 13 of which are completed, are being erected by private enterprise.

To date no further programme beyond the 172 houses mentioned above has been definitely formulated, it is hoped that following a Zonal Conference to be held in the near future the Clowne Rural District Council's proposals can be agreed upon.

The Housing Survey (Ministry of Health Circular 1944) has been completed in the Parish of Barlborough and has been commenced in the Parish of Clowne.

Details of the survey in Barlborough Parish are as follows :—

Total No. of houses surveyed	...	561	
Category 1. Satisfactory in all respects	...	227	(40.46%)
Category 2. Minor defects only	...	35	(6.24%)
Category 3. Requiring repair, structural alteration or improvement	...	191	(34.05%)
Category 4. Appropriate for reconditioning under Provisions of Housing (Rural Workers) Act	...	94	(16.75%)
Category 5. Unfit for habitation and beyond repair at reasonable expense		14	(2.50%)
Number of houses over-crowded as per standard of Housing Act 1936	...	23	(4.10%)
Number of houses not provided with the water carriage system of sewage disposal	...	266	(47.42%)
Number of houses provided with pail closets		128	(22.82%)
Number of houses provided with privy closets		138	(24.60%)
Number of houses with no indoor piped water supply	... ..	8	(1.62%)

INSPECTION AND SUPERVISION OF FOOD

MILK SUPPLY

There are 89 cowsheds, dairies and milkshops in the area, and 59 inspections were made by the Sanitary Inspector. The National Milk Scheme continues to be popular.

MEAT AND OTHER FOODS

Chesterfield Municipal Abattoir continues to be used as the regional slaughterhouse for this area. The meat is inspected there by qualified meat inspectors before being sent to the local butchers. Owing to the shortage of feeding stuffs, etc., much of the English meat is below pre-war quality.

Transport of meat from this abattoir to the butchers is not carried out in a hygienic manner.

There is a bacon factory in the area and during the year 203 visits were made by the Sanitary Inspector.

FACTORIES ACT

There are 34 factories registered in the Clowne Rural District which are inspected from time to time and action taken as is necessary. Conditions generally were found to be satisfactory.

Cases of Infectious Disease notified during the year 1946.

Notifiable Disease	Number of Cases notified.												Total Cases notified in each Parish of the District.				Total Cases removed to Hospital	Total Deaths
	At Ages—years																	
	At all Ages	Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & upwards	Barlborough	Clowne	Creswell			Whitwell
Small-pox
Cholera
Plague	1	...	...	...	...	...	...	...	1	...	...
Diphtheria	1	...	...	...	...	1	...
Erysipelas
Scarlet Fever	...	2	4	1	7	27	9	5	1	1	...	...	...	7	31	7	12	53
Malaria
Enteric Fever
Encephalitis Lethargica
Puerperal Fever
Puerperal Pyrexia
Ophthalmia Neonatorum
Polio-myelitis
Pulmonary Tuberculosis	6	1	1	...	1	1	2	...	2	...	3	1	...	...	4	1	1	2
Other forms of Tuberculosis	6	...	1	1	...	1	3	1	...	1	2	5	...	2	8	...	3	6
Pneumonia	13	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Cerebral-spinal Fever	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery
Measles	...	3	1	1	2	2	1	...	...	...	...	...	...	...	2	3	3	...
Whooping Cough	7	4	3	5	...	...	...	...	...	...	...	3	10	6	3	...
Totals	...	7	13	6	13	36	15	7	3	3	5	7	12	57	22	24	55	17

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

DIPHTHERIA

1 case of this disease occurred and the patient was removed to hospital.

Every effort has been made to secure the immunisation of infants and to maintain the high level of immunisation in the school children.

372 children under 5 years of age and 85 between 5 and 15 years were immunised during the year.

SCARLET FEVER

57 cases were notified as compared with 59 last year. 53 were removed to hospital. The source of infection was by direct contact, either in school or in the cinema. The disease was mild in character and there were no deaths. Many of the cases occurred in over-crowded houses and in a number there was influenza in the home.

SMALLPOX

No cases of this disease occurred but a number of contacts from infected ships had to be kept under observation.

CEREBRAL SPINAL FEVER

1 notification was received and the patient removed to Lodge Moor Hospital, Sheffield.

MEASLES AND WHOOPING COUGH

8 cases of Measles and 22 cases of Whooping Cough were notified. There were no deaths.

TUBERCULOSIS

The following table gives particulars of new cases of tuberculosis and of all deaths from this disease during the year :—

Age Periods			NEW CASES				DEATHS			
			Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
			M.	F.	M.	F.	M.	F.	M.	F.
0	...	...						
1	...	...			2	1			1	
5	...	...				1				
10	...	...				2				
15	...	...						
20	...	...						
25	...	...	2				1	2		
35	...	...						1		
45	...	...		2			1			
55	...	...	1				1			
65 and upwards				1				2		1
Totals	...		3	3	2	4	3	5	1	1

The phthisis death-rate is .33 per 1,000 of the population.

ANNUAL REPORT OF SANITARY INSPECTOR.

CLOWNE RURAL SANITARY DISTRICT, 1946

Name of Inspector, G. L. McCANN

Area of district, 13,436 acres.

Estimated No. of Houses, 4,948.

New houses erected 1946: (a) By Local Authority—6

(b) By private enterprise—17

	Number of Inspections made by Sanitary Inspector,	Number of Notices Served		Number of Nuisances abated with or without Notice
		Informal	Legal	
CLOSETS AND ASHPITS :				
Defective privies, pail closets & ashpits (not for conversion)	62	40	24	34
Conversion of privies into w.c's	137	2	—	—
Conversion of pail closets into w.c's	275	2	—	2
Conversion of privies into pail closets	10	—	—	1
Defective water closets ...	70	35	10	30
Provision of additional water closets	4	—	—	—
Provision of portable dustbins	274	32	—	262
Dirty closets	29	3	—	15
DRAINAGE :				
No disconnection of waste pipe	—	—	—	—
Defective waste pipe, traps, inlets and drains	72	59	7	57
Drains obstructed	102	30	2	91
OTHER DEFECTS :				
Paving of courts and yards ...	29	16	—	16
Roofs, eaves spouts and down spouts	267	132	17	122
Sinks	25	10	1	10
Insufficient ventilation ...	14	6	1	5

	Number of Inspections made by Sanitary Inspector	Number of Notices Served		Number of Nuisances abated with or without Notice.
		Informal	Legal	
OTHER DEFECTS—Continued.				
Windows	17	8	2	9
Dampness	84	39	9	41
Water in cellars	—	—	—	—
Water supply	108	3	1	6
Over-crowding	51	—	—	21
Foul condition of houses	8	1	—	3
Offensive accumulations	2	—	—	1
Animals improperly kept	8	—	—	—
Pigsties	15	—	—	3
Smoke Nuisances	—	—	—	—
Urinals	11	—	—	—
Nuisances not specified above	267	133	7	97
Totals ...	1941	551	81	826

	Number on Register	Inspections made	Notices served	Nuisances abated with or without Notice
Dairies, Cowsheds and Milkshops	89	59	—	3
Bakehouses	4	26	—	2
Slaughter-houses	1	203	—	—
Offensive Trades	—	—	—	—
Common Lodging-houses	—	—	—	—
Totals ...	94	288	—	5

G. L. McCANN,
Surveyor and
Sanitary Inspector.

